

# THE LAW OFFICE OF STEVEN G. ROEDER

Patents, Trademarks and Copyrights

STEVEN G. ROEDER  
JAMES P. BRODER

sroeder1@san.rr.com  
jpbroder@san.rr.com

5560 Chelsea Avenue  
La Jolla, CALIFORNIA 92037

TELEPHONE  
(858) 456-1951  
FACSIMILE  
(858) 456-0744

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Robert Fairchild	)	
Serial No.:	Unknown	)	Art Unit
Filed:	July 2, 2003	)	Unknown
For:	THERMAL COOLING SYSTEM FOR DENSELY PACKED STORAGE DEVICES	)	
Examiner:	Unknown	)	
Attorney Docket:	Q02-1034-US2 / 11198.84.DIV	)	

### TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith is an Information Disclosure Statement (form 1449A/PTO modified) and a return receipt postcard. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of the above-captioned application, or date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits whichever occurs last. 37 CFR 1.97(b).

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

This application relies, under 35 U.S.C. 120, on the earlier filing date of prior application Serial No. 10/072,561 filed on February 5, 2002. The following references were submitted to and/or cited by the Office in this prior application and, therefore, are not required to be provided in this application.

Patent #	Filing Date	Applicant
US-6,469,889	10/2002	Gan
US-6,460,948	10/2002	Roesner et al.
US-6,442,020	8/2002	Liu et al.
US-6,069,789	5/2000	Jung

#### NON PATENT LITERATURE DOCUMENTS

Pages from ATTO Technology, Inc. Website [www.attotech.com](http://www.attotech.com) downloaded on August 29, 2002 author unknown.

Pages from Medea Corporation Website [www.medeacorp.com](http://www.medeacorp.com) downloaded on August 29, 2002 author unknown.


Pages from N Stor Technologies Website [www.nstor.com](http://www.nstor.com) downloaded on August 29, 2002 author unknown.

Pages from Raidtec Corporation Website [www.raidtec.com](http://www.raidtec.com) downloaded on August 29, 2002 author unknown.

Pages from Chaparral Network Storage Website [www.chaparralnet.com](http://www.chaparralnet.com) downloaded on August 29, 2002 author unknown.

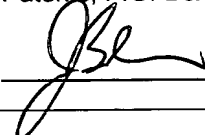
The Commissioner is hereby authorized to charge payment of any necessary fees associated with this communication or credit any overpayment to Deposit Account No. 50-1141.

Respectfully submitted this the 2<sup>nd</sup> day of July, 2003.

  
 JAMES P. BRODER  
 Attorney for Applicant  
 Registration No. 43,514

#### CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this the 2<sup>nd</sup> day of July, 2003.

 JAMES P. BRODER, Attorney for Applicant--Registration No. 43,514

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	Unknown
				Filing Date	7/2/2003
				First Named Inventor	Fairchild
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket #	Q02-1034-US2 / 11198.84.DIV

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,469,889	10/2002	Gan	
		US-6,460,948	10/2002	Roesner et al.	
		US-6,442,020	8/2002	Liu et al.	
		US-6,069,789	5/2000	Jung	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Application Number</i>	Unknown
				<i>Filing Date</i>	7/2/2003
				<i>First Named Inventor</i>	Fairchild
				<i>Art Unit</i>	Unknown
				<i>Examiner Name</i>	Unknown
Sheet	2	of	2	<i>Attorney Docket #</i>	Q02-1034-US2 / 11198.84.DIV

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<sup>1</sup> 2
	AA	Pages from ATTO Technology, Inc. Website <u>www.attotech.com</u> downloaded on August 29, 2002 author unknown.	
	AB	Pages from Medea Corporation Website <u>www.medeacorp.com</u> downloaded on August 29, 2002 author unknown.	
	AC	Pages from N Stor Technologies Website <u>www.nstor.com</u> downloaded on August 29, 2002 author unknown.	
	AD	Pages from Raidtec Corporation Website <u>www.raidtec.com</u> downloaded on August 29, 2002 author unknown.	
	AE	Pages from Chaparral Network Storage Website <u>www.chaparralnet.com</u> downloaded on August 29, 2002 author unknown.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231